

Result No.	Score	Query Match	Length	DB	ID	Description	
1	3595.8	70.8	3715	10	US-09-980-107-2300	Sequence 2300, Appl	
2	2012.8	39.6	3577	9	US-10-008-739A-1	Sequence 1, Appl	
3	1532.6	30.2	6905	9	US-09-075-453-35	Sequence 35, Appl	
4	1148	22.6	1329	9	US-09-997-267-1	Sequence 1, Appl	
5	832.8	16.4	1171	9	US-09-997-267-3	Sequence 3, Appl	
6	401.6	7.9	6244	10	US-09-281-674-8	Sequence 8, Appl	
7	401.6	7.9	6244	10	US-09-892-227-8	Sequence 8, Appl	
8	380	7.5	2799	10	US-09-935-368-2	Sequence 2, Appl	
9	354.4	7.0	2582	9	US-10-202-846-1	Sequence 1, Appl	
10	310.8	6.1	6322	10	US-09-917-800A-1546	Sequence 1546, Ap	
11	310.8	6.1	7257	9	US-10-001-486B-3	Sequence 1, Appl	
12	289.8	5.7	990	9	US-09-887-280-3	Sequence 3, Appl	
13	289.8	5.7	2230	9	US-09-887-280-1	Sequence 1, Appl	
14	271.6	5.3	416	10	US-09-833-381-1452	Sequence 1452, Ap	
15	263.8	5.2	924	10	US-09-935-368-3	Sequence 3, Appl	
16	261.8	5.2	876	10	US-09-935-368-4	Sequence 4, Appl	
17	261.8	5.2	2955	10	US-09-935-368-5	Sequence 5, Appl	
18	201.8	4.0	855	9	US-09-953-450-19	Sequence 19, Appl	
19	138.4	2.7	3300	9	US-10-259-864-3	Sequence 3, Appl	

ALIGNMENTS

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RESULT 1
US-09-880-107-2300
  : Sequence 2300, Application US/09880107
  : Patent No. US20020142981A1
  : GENERAL INFORMATION:
  : APPLICANT: Horne, Darci T.
  : APPLICANT: Vockley, Joseph G.
  : APPLICANT: Scherf, Uwe
  : APPLICANT: Gene Logic, Inc.
  : TITLE OF INVENTION: Gene Expression P
  : FILE REFERENCE: 44921-5028-WO
  : CURRENT APPLICATION NUMBER: US/09/880
  : CURRENT FILING DATE: 2001-06-14
  : PRIOR APPLICATION NUMBER: US 60/211,37
  : PRIOR FILING DATE: 2000-06-14
  : PRIOR APPLICATION NUMBER: US 60/237,05
  : PRIOR FILING DATE: 2000-10-02
  : NUMBER OF SEQ ID NOS: 3950
  : SOFTWARE: PatentIn Ver. 2.1
  : SEQ ID NO 2300
  : LENGTH: 3715
  : TYPE: DNA
  : ORGANISM: Homo sapiens
  : FEATURE:
  : OTHER INFORMATION: Genbank Accession
US-09-880-107-2300

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Query Match	70.8%;	Score 3595.8;	DB 10;	Length 3715;
Best Local Similarity	98.6%;	Pred. No. 0;		
Matches 368;	Conservative	0;	Mismatches 7;	Indels . 45; Gaps 4;
1335	TGCACGGGAGAGAACCTCTGTTTTCGCCCACTCTCTCTCCACCTCTCTCCGCTTCCC	1394		
4	TTCCGGCGGAGAGAACCTCTGTTTTCGCCCACTCTCTCTCCACCTCTCTGCTTCCC	63		
1395	CACCCGAGTGCGGAGCCAGAGATCAAAAGATGAAAGCGAGTCAGGTCTTCAGTAGCCA	1454		
64	CACCCGAGTGCGGAG-CAGAGATCAAAAGATGAAAGCGAGTCAGGTCTTCAGTAGCCA	122		
1455	AAAAACAAACAAACAAAAACCGGAAATATAAGAAAAAGATAATACTCAGTT	1514		
123	AAAAACAAACAAACAAAAACCGGAAATATAAGAAAAAGATAATACTCAGTT	182		

QY	1515	CTATTGCACTACTTCACTGGACACTGAATTTGGAGGTGGAGGATTTTGTTC	1574	AGTGTGCGTGTCCATGGCCCTGGTGTGGAGGGTGGAGCATCTGAGTCCAGGGGAACA	2654
Db	183	CTATTGCACTACTTCACTGGACACTGAATTTGGAGGTGGAGGATTTTGTTC	242	AGTGTGCGTGTCCATGGCCCTGGTGTGGAGGGTGGAGCATCTGAGTCCAGGGGAACA	1298
QY	1575	TTTTAAGATCTGGGATCTTTTGAATCTACCTTCAAGTATTAGACACAGACTGTGAGC	1634	GCTTCGGGGGATTCATGTACGCCCCACATTTTGGGAGTTCCACCCGCTGTGCGTCCAC	2714
Db	243	TTTTAAGATCTGGGATCTTTTGAATCTACCTTCAAGTATTAGACACAGACTGTGAGC	302	GCTTCGGGGGATTCATGTACGCCCCACATTTTGGGAGTTCCACCCGCTGTGCGTCCAC	1358
QY	1635	CTAGAGGCGAGATCTTCCACCGTGTCTTCTTGACAGAGACTTTGAGGCTGTCA	1694	TCCTTGTGCCCCATTTGGCCGAATGCAAGGTTCTCTGCTAGACGACAGCGAGCAAG	2774
Db	303	CTAGAGGCGAGATCTTCCACCGTGTCTTCTTGACAGAGACTTTGAGGCTGTCA	362	TCCTTGTGCCCCATTTGGCCGAATGCAAGGTTCTCTGCTAGACGACAGCGAGCAAG	1418
QY	1695	GAGCGCTTTTGGGTGTCTCCCGCAAGTTTCCCTCTGAGAGCTTCCCGAGTGGG	1754	CAGAGACCTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	1478
Db	363	GAGCGCTTTTGGGTGTCTCCCGCAAGTTTCCCTCTGAGAGCTTCCCGAGTGGG	422	CAGAGACCTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	1755	CAGCTAGCTGACGAGCTACCGCATCATCAGAGCTGTTGAACCTCTGAGCAAGAGAA	1814	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	423	CAGCTAGCTGACGAGCTACCGCATCATCAGAGCTGTTGAACCTCTGAGCAAGAGAA	482	CAGAGACCTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	1815	GGGAGCGGGGTAAAGGAGTAGTGGAGGATTCAGCCAAAGCTCAAGGATGGAGTGCA	1874	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	483	GGGAGCGGGGTAAAGGAGTAGTGGAGGATTCAGCCAAAGCTCAAGGATGGAGTGCA	542	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	1875	GTTAGGCTGGGAGGCTTACCTCGCGCGCGTCCAGAGCTACCGAGGCTTTTCCA	1934	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	543	GTTAGGCTGGGAGGCTTACCTCGCGCGCGTCCAGAGCTACCGAGGCTTTTCCA	602	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	1935	GAATCTCTCCAGAGCTGCGGAGTATCCAGAACCGGCGCCAGGACCCAGAGGC	1994	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	603	GAATCTCTCCAGAGCTGCGGAGTATCCAGAACCGGCGCCAGGACCCAGAGGC	662	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
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Db	663	CGGAGCGCAGCCTCCCGCGCGAGTTGTGCTGTGCTGCTGCTGCTGCTGCTGCT	701	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2055	GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2114	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	702	GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	758	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2115	TAGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2174	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	759	TAGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	818	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2175	AGGCCCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2234	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
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QY	2235	CCTGGAGTGCCACCCAGAGAGGTTGCTGCCAGAGCCTTGGAGCGCGCTGCCGCCAG	2294	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	879	CCTGGAGTGCCACCCAGAGAGGTTGCTGCCAGAGCCTTGGAGCGCGCTGCCGCCAG	938	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2295	CAAGGGCTGCGCAGCAGCTGCGAGCAGCTTCCGAGAGGATGACTTCCGCCCATC	2354	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
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Db	999	CACGTTGCTCCTGCTGGGCGCCACTTTCCCGGCTTAAAGCAGCTGCTCCGCTTAA	1058	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2415	AGACATCTGAGGAGGCGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2474	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	1059	AGACATCTGAGGAGGCGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	1118	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2475	ATCCGAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	2534	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	1119	ATCCGAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC	1178	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
QY	2535	GGACAAATCTTAGGGGCGCTTCCAGCAGCTTCTGACAGCCAGAGGTTGTGTAAGGC	2594	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894
Db	1179	GGACAAATCTTAGGGGCGCTTCCAGCAGCTTCTGACAGCCAGAGGTTGTGTAAGGC	1238	CGAGAGCCTTAGCTCTCTGCGAGCGTTCAGAGGAGGTTCACCAAGGGCTTAGAAGG	2894

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QY 3726 GAAATGTTATGAAGCAGGATGACTCTGGAGCCCGGAAGCTGAAGAACTTGGTAATCT 3785
Db 2379 GAAATGTTATGAAGCAGGATGACTCTGGAGCCCGGAAGCTGAAGAACTTGGTAATCT 2438
QY 3786 GAAACTACAGAGGAAGGAGGCTTCCAGACACACAGCCCACTGAGGAGACAACCCA 3845
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QY 3846 GAACTGACAGTGTACACATTTGAAGCTATGAATGTACGCCCATCTTCTGATGTCT 3905
Db 2499 GAACTGACAGTGTACACATTTGAAGCTATGAATGTACGCCCATCTTCTGATGTCT 2558
QY 3906 GGAAGCCATTGAGCCAGGTGTAGTGTGTGCTGGACAGCAACAACAGCCGACCTCTT 3965
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QY 3966 TGCAGCCTTGTCTCTAGCCTCAATGAAGTGGAGAGAGACGTTGTACAGTGTCTCA 4025
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QY 4266 CCAATACCCCGCCAGGAATCTGTGATGAAAGCAGTGTCTTCAAGATTTATTC 4325
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QY 4326 AGTGGATGGCTCAAAATCAAAATCTTTGATGAATTCGAATGAATCAATCAAGGA 4385
Db 2979 AGTGGATGGCTCAAAATCAAAATCTTTGATGAATTCGAATGAATCAATCAAGGA 3038
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Db 3039 ACTGATCTGATATCATGTGATGCAAAAGAAATCCACATCTCTCAAGACGCTTCTA 3098
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QY 5046 GGAATCAAAACAAAAA 5062
Db 3688 GGAATCAAAACAAAAA 3704

RESULT 2
US-10-008-739A-1
; Sequence 1, Application US/10008739A
; Patent No. US20020161194A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Castleberry, Tessa A.
; APPLICANT: Lu, Bihong
; APPLICANT: Owen, Thomas A.
; APPLICANT: Smock, Steven L.
; TITLE OF INVENTION: The Canine Androgen Receptor
; FILE REFERENCE: PC10893AGPR
; CURRENT APPLICATION NUMBER: US/10/008,739A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 3577
; TYPE: DNA
; ORGANISM: Canine
US-10-008-739A-1

Query Match 39.6%; Score 2012.8; DB 9; Length 3577;
Best Local Similarity 84.0%; Pred. No. 0;
Matches 2387; Conservative 0; Mismatches 297; Indels 156; Gaps 4;

QY 1864 ATGGAAGTGCAGTTAGGGCTGGGAAGGTTACCTCGGCCCGCGTCCCAAGACCTACCGA 1923
Db 1 ATGGAAGTGCAGTTAGGGCTAGGAGGGTCTACCCCGCGCGCTCCAAGACCTATCGA 60
QY 1924 GGAGCTTTCCAGAACTCTGTTCCAGAGCGTGCAGAGAGTGTATCCAGAACCCGCGCCAGG 1983
Db 61 GGAGCTTTCCAGAACTCTGTTCCAGAGTGTGCGGAGAGTGTATCCAGAACCCGCGCCAGG 120
QY 1984 CACCCAGAGCCCGGAGCGCAGCACCTCCCGCGCGCTTTGCTGTCTGTCAGCAGCAG 2043
Db 121 CACCCAGAGCCCGTGAAGCGCAGCACCTCCCGGTGCCAATTT----- 161
QY 2044 CAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 2103
Db 162 -----GCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 189
QY 2104 CAGCAAGAGACTAGCCCCAGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 2163
Db 190 CAGGAGCAGCAGTCTCGGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG 249
QY 2164 GCCCATCTGATAGGCGCCACAGGCTACCTGTCTGATGAGGAACAGCAACCTTTCCAGAG 2223
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Db	5276	GGAA-TCTAAAGGTTTCAG---CAAGTATCTGCTGGCTTGGTCA--TGCGTGGCTCTCAG	5329
QY	300	TTTGTAGGAGACTCTCCACTCTCCCACTCTGCGCCTCTATCAGTCTCTAAAGAACCC	359
Db	5330	TTTGTAGGAGACTCTCCACTCTCCCACTCTGCGCCTCTTATCAGTCTCTGAAAGAACCC	5389
QY	360	NTGGNAGCCAGGAGCNAGATATCNATATCGCTCTTTTCNTC---CTCCTNGCCTCACCT	416
Db	5390	CTGGC-AGCCAGGAGC-AGGATATCTATCGCTCTTTTCCCTCCCTCGCCCCACCT	5447
QY	417	NGTTGNTTTTTAGATTGGCTTNGNACCAATT---TGTATGCTGGCTTCCAGGAATC	473
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QY	474	TGGAG-CTCTGGCCCTAAACCTTGGTTTAGAAAAGCAGGAGCTATTTCAGGAACA-GGGT	531
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QY	532	CCTCCAGGGCTAGAGCTAGCCTCTCCTGCCCTCGCCACG-TGGCCAGCACTTGTTCCT	590
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QY	591	CCAAAGCNACTAGGCAGGCGTTAGCGCGGCTGAGGGAGGGGAGAAAAGGAAGGGAG	650
Db	5628	CCAAAGCCACTAGGCAGGCGTTAGCGCGGCTGAGGGAGGGGAGAAAAGGAAGGGAG	5687
QY	651	GGAGAGGAAAAGGAGTGGGAAGCAAGAGGCGCGCCNGTGGGGCGGGACCGACTC	710
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QY	711	GCANAACCTGTTGCAATTTGCTCTCCACTCCACAGCGCCCTCCGAGATCCGGGAGCC	770
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QY	771	AGCTTCTCGGAGACGGGAACGCTCGGAGCAAGCCACAGAGCAGAGAGAGCAGACAG	830
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QY	831	GGAAAAGGGCCNAGCTAGCGCTCCAGTGTGTACAGNAGCCGAA-GGAGGCACACG	889
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QY	890	CGAGCCACGCGGCTCCAGCAGACNACGCCCTCTTTGCA-----NGCGTTCTGAAGC	943
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QY	944	CGCGCCGAGAGCTGCCCTTTCCTCTTCGGTGAAGTTTTTAAAGTCTGCTAAAGACTCG	1003
Db	5984	CGCGCCGAGAGCTGCCCTTTCCTCTTCGGTGAAGTTTTTAAAGTCTGCTAAAGACTCG	6043
QY	1004	AGGAAGCAAGAAAGTGCCTTTCCTCTTCGGTGAAGTTTTTAAAGTCTGCTAAAGACTCG	1063
Db	6044	AGGAAGCAAGAAAGTGCCTTTCCTCTTCGGTGAAGTTTTTAAAGTCTGCTAAAGACTCG	6103
QY	1064	CGGCTTCCCCCACCCTTGCCTTCCCCCTTCCCCCTTCTCTCCGCGAGCTGCTCAG	1123
Db	6104	CGGCTTCCCCCACCCTTGCCTTCCCCCTTCCCCCTTCTCTCCGCGAGCTGCTCAG	6163
QY	1124	TCGGCTACTCTCAGCAACCCCTTCCACACCTTCTCCACCCGCCCCCGCCCGG	1183
Db	6164	TCGGCTACTCTCAGCAACCCCTTCCACACCTTCTCCACCCGCCCCCGCCCGG	6223
QY	1184	TCGGCCGACGNTGNCAGCCGAGTTTGCAGAGGTAACCTCCCTTTGGTTCGAGCGG	1243
Db	6224	TC-GCCAGCGCTGCCAGCCCGAGTTTGCAGAGGTAACCTCCCTTTGGTTCGAGCGG	6282
QY	1244	CGAGNCTAGCTGCACATTGCAAGAGGCTCTTAGGAG-CAGGCGACTGGGAGCGGCT	1302

Db 6283 CGAG-CTAGCTGCACATTGCAAGAAGGCTCTTAGAGCCAGGCGACTGGGGAGCGGCTT 6341
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Db 6342 CACACTGAGCCAGCAGCCGCTGTTAGGCTGCACGCGGAGAGAACCTCTCTGTTTCC 6401
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QY 1663 GTCCTTCTCTGACGAGACTTTAGGCTGTACAGGCGCTTTTTCGTTGCTCCCGCA 1722
Db 6702 GTCCTTCTCTGACGAGACTTTAGGCTGTACAGGCGCTTTTTCGTTGCTCCCGCA 6761
QY 1723 AGTTTCCTCTCTGAGCTTCCGAGCTGGGAGCTAGCTGAGGCGACTTACCGCATCAT 1782
Db 6762 AGTTTCCTCTCTGAGCTTCCGAGCTGGGAGCTAGCTGAGGCGACTTACCGCATCAT 6821
QY 1783 CACAGCCTGTTGAATCTCTCTGAGCAAGAGAGGGAGGGGGTAAAGGAAGTAGTGG 1842
Db 6822 CACAGCCTGTTGAATCTCTCTGAGCAAGAGAGGGAGGGGGTAAAGGAAGTAGTGG 6881
QY 1843 AGATTACGCCAAGCTCAAGATG 1866
Db 6882 AGATTACGCCAAGCTCAAGATG 6905

RESULT 4
US-09-997-267-1
; Sequence 1, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AHRENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/255,078
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 1329
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-267-1
Query Match 22.6%; Score 1148; DB 9; Length 1329;
Best Local Similarity 100.0%; Pred. No. 4.6e-296;
Matches 1148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 182 GTTTGGAGACTGCCAGGGACCATGTTTGGCCCATTCACATTTACTTTCCACCCCAAGA 241
QY 3548 CCTGCTGATCTGTGGAGATGAAGCTTCTGGGTGTCACATATGAGGCTCTACATGTGGAA 3607

Db 242 CTTGCTGATCTGTGAGATGAAGCTTCTGGGTGTCACATATGGAGCTCTCACATGTGGAA 301
QY 3608 GTTGAAGTCTCTTTTCAAGAGCCGCTGAAGGAAACAGAACTACTGTGCGCCAGCA 3667
Db 302 GCTGAAGTCTCTTTTCAAGAGCCGCTGAAGGAAACAGAACTACTGTGCGCCAGCA 361
QY 3668 GAAATGATTGCACTATTGATAAATTCGAAGGAAATTTGCTTCTGCTGCTCGGA 3727
Db 362 GAAATGATTGCACTATTGATAAATTCGAAGGAAATTTGCTTCTGCTGCTCGGA 421
QY 3728 AATGTTATGAAGCGGATGACTCTGGAGCCCGGAACTGAAGAACTTGGTAACTCTGA 3787
Db 422 AATGTTATGAAGCGGATGACTCTGGAGCCCGGAACTGAAGAACTTGGTAACTCTGA 481
QY 3788 AACTACAGGAGGAGAGAGGCTTCCAGCACCCAGCCCTGAGGAGAGCAACCCAGA 3847
Db 482 AACTACAGGAGGAGAGAGGCTTCCAGCACCCAGCCCTGAGGAGAGCAACCCAGA 541
QY 3848 AGCTGACAGTGTACACATTTGAAGGCTATGAATGTACGCCATCTTCTGATGCTCTGG 3907
Db 542 AGCTGACAGTGTACACATTTGAAGGCTATGAATGTACGCCATCTTCTGATGCTCTGG 601
QY 3908 AAGCCATTGAGCCAGGCTGTAGTGTGCTGGACAGCAACACCAGCCGCTCTTTG 3967
Db 602 AAGCCATTGAGCCAGGCTGTAGTGTGCTGGACAGCAACACCAGCCGCTCTTTG 661
QY 3968 CAGCCTTCTCTAGCCTCAATGAAGTGTGAGGAGAGAGAGCTTGTACAGTGGTCAAGT 4027
Db 662 CAGCCTTCTCTAGCCTCAATGAAGTGTGAGGAGAGAGAGCTTGTACAGTGGTCAAGT 721
QY 4028 GGGCCAGGCGCTTCCCTGGCTTCCGCAACTTACAGCTGACGACAGAGTGGCTGCTATTC 4087
Db 722 GGGCCAGGCGCTTCCCTGGCTTCCGCAACTTACAGCTGACGACAGAGTGGCTGCTATTC 781
QY 4088 AGTACTCCTGGATGGGCTCATGCTGTTGCCATGGGCTGGGATCCTTTCACCAATGTCA 4147
Db 782 AGTACTCCTGGATGGGCTCATGCTGTTGCCATGGGCTGGGATCCTTTCACCAATGTCA 841
QY 4148 ACTCAGAGTCTTACTTCCGCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 4207
Db 842 ACTCAGAGTCTTACTTCCGCTGATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 901
QY 4208 CCCGATGTACAGCCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 4267
Db 902 CCCGATGTACAGCCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 961
QY 4268 AAATCACCCCGGAGAAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 4327
Db 962 AAATCACCCCGGAGAAATCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1021
QY 4328 TGGATGGGCTGAAATAATCAAAATCTTGTGATGAATTCGAATGAATGAATGAATGAAT 4387
Db 1022 TGGATGGGCTGAAATAATCAAAATCTTGTGATGAATTCGAATGAATGAATGAATGAAT 1081
QY 4388 TCGATCGTATCATTTGCATGCAAAAAGAAATCCCATCTCTGCTCAAGAGCTTCTACC 4447
Db 1082 TCGATCGTATCATTTGCATGCAAAAAGAAATCCCATCTCTGCTCAAGAGCTTCTACC 1141
QY 4448 AGCTCACCAGGCTCCTGAGCTCCGCTGAGCTTATTGGGAGAGAGCTGCTGCTGCTGCT 4507
Db 1142 AGCTCACCAGGCTCCTGAGCTCCGCTGAGCTTATTGGGAGAGAGCTGCTGCTGCTGCT 1201
QY 4508 TTGACCTGCTAATCAAGTCAACATGTTGAGGCTGGACTTTCCGGAATGATGCGAGAGA 4567
Db 1202 TTGACCTGCTAATCAAGTCAACATGTTGAGGCTGGACTTTCCGGAATGATGCGAGAGA 1261
QY 4568 TCATCTCTGCAAGTGGCCAGAGTCTTCTGGGAAAGTCAAGCCATCTATTTCACCA 4627
Db 1262 TCATCTCTGCAAGTGGCCAGAGTCTTCTGGGAAAGTCAAGCCATCTATTTCACCA 1321
QY 4628 CCCAGTGA 4635
| | | | |

Db 1322 CCCAGTGA 1329

RESULT 5

US-09-997-267-3
; Sequence 3, Application US/09997267
; Patent No. US20020165381A1
; GENERAL INFORMATION:
; APPLICANT: AHRENS-FATH, ISABELLE
; APPLICANT: HAENDLER, BERNARD
; TITLE OF INVENTION: HUMAN ANDROGEN RECEPTOR VARIANTS
; FILE REFERENCE: SCH-1793
; CURRENT APPLICATION NUMBER: US/09/997,267
; CURRENT FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 2001-11-30
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 1171
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-997-267-3

Query Match 16.4%; Score 832.8; DB 9; Length 1171;
Best Local Similarity 99.8%; Pred. No. 6.7e-212;
Matches 834; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3488 GTTTGGAGACTGCCAGGACCATGTTTGGCCATTGACTATTACTTCCACCCAGAGA 3547
Db 182 GTTTGGAGACTGCCAGGACCATGTTTGGCCATTGACTATTACTTCCACCCAGAGA 241
QY 3548 CTTGCTGATCTGTGAGATGAAGCTTCTGGGTGTCATGTGAGCTCTACATGTGAA 3607
Db 242 CTTGCTGATCTGTGAGATGAAGCTTCTGGGTGTCATGTGAGCTCTACATGTGAA 301
QY 3608 GTTCAAGGTCTTCTTCAAAGAGCGCTGAAGGAAACAGAACTGCTGCCACGCA 3667
Db 302 GTTCAAGGTCTTCTTCAAAGAGCGCTGAAGGAAACAGAACTGCTGCCACGCA 361
QY 3668 GAATGATTCGACTATTGATAAATTCGAAGAAATAATGTCCATCTGTGCTTCGGA 3727
Db 362 GAATGATTCGACTATTGATAAATTCGAAGAAATAATGTCCATCTGTGCTTCGGA 421
QY 3728 AATGTTAAGCAGGGATGACTCTGGAGCCCGAAGCTCAAGAACTTGGTAATCTGA 3787
Db 422 AATGTTAAGCAGGGATGACTCTGGAGCCCGAAGCTCAAGAACTTGGTAATCTGA 481
QY 3788 AACTACAGGAAGGAGGCTTCCAGCACCCACCCAGCTGAGGAGACCAACCCAGA 3847
Db 482 AACTACAGGAAGGAGGCTTCCAGCACCCACCCAGCTGAGGAGACCAACCCAGA 541
QY 3848 AGCTGACAGTGTACACACTGAAGGCTAATGTCAGCCCATCTTCTGAATGCTCTGG 3907
Db 542 AGCTGACAGTGTACACACTGAAGGCTAATGTCAGCCCATCTTCTGAATGCTCTGG 601
QY 3908 AGCCATTGACCGAGGTAGTGTGTGACACGACCAACACCCAGCTCTCTTGG 3967
Db 602 AGCCATTGACCGAGGTAGTGTGTGACACGACCAACACCCAGCTCTCTTGG 661
QY 3968 CAGCCTTCTCTAGCTCAATCACTGGGAGAGACAGCTGTACAGTGGTCAAGT 4027
Db 662 CAGCCTTCTCTAGCTCAATCACTGGGAGAGACAGCTGTACAGTGGTCAAGT 721
QY 4028 GGGCCAGGCTTGCCTGGCTTCGCAACTTACAGTGGAGACAGAGTGGTGCATTC 4087
Db 722 GGGCCAGGCTTGCCTGGCTTCGCAACTTACAGTGGAGACAGAGTGGTGCATTC 781
QY 4088 AGTACTCTGATGGGCTCATGTTTCCATGGGCTGGGATCCCTTCAACCAATGCA 4147
Db 782 AGTACTCTGATGGGCTCATGTTTCCATGGGCTGGGATCCCTTCAACCAATGCA 841
QY 4148 ACTCCAGGATGCTCTACTTCCGCCCCGTGATCTGGTCTTCAATGATGATCCCATGCAAGT 4207

Db 842 ACTCCAGGATGCTCTACTTCCGCCCCGTGATCTGGTCTTCAATGATGATCCCATGCAAGT 901
QY 4208 CCGGATGTACAGCCAGTGTGTCGGAATGAGGACACCTCTCTCAAGAGTTTGGATGCTCC 4267
Db 902 CCGGATGTACAGCCAGTGTGTCGGAATGAGGACACCTCTCTCAAGAGTTTGGATGCTCC 961
QY 4268 AAATCACCCCCCAGGAATTCCTGTGCATGAAGACACTGCTACTCTTCAGCATTAAT 4323
Db 962 AAATCACCCCCCAGGAATTCCTGTGCATGAAGACACTGCTACTCTTCAGCATTAAT 1017

RESULT 6

US-09-281-674-8
; Sequence 8, Application US/09281674
; Patent No. US20020077307A1
; GENERAL INFORMATION:
; APPLICANT: Gossen, Manfred
; Bujard, Hermann
; Salfield, Jochen
; Voss, Jeffrey

; TITLE OF INVENTION: Methods for Regulating Gene Expression
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lahive & Cockfield
; STREET: 60 State Street, Suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/281,674
; FILING DATE: 30-Mar-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/479,306
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/260,452
; FILING DATE: 14-JUN-1994
; APPLICATION NUMBER: 08/076,327
; FILING DATE: 14-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Giulio A. DeConti, Jr.
; REGISTRATION NUMBER: 31,503
; REFERENCE/DOCKET NUMBER: BBI-013CP3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6244 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: circular
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Human cytomegalovirus
; STRAIN: Towne (hCMV)
; IMMEDIATE SOURCE:
; CLONE: pURD BGR3
; SEQUENCE DESCRIPTION: SEQ ID NO: 8:

US-09-281-674-8
; Query Match 7.9%; Score 401.6; DB 10; Length 6244;
; Best Local Similarity 60.6%; Pred. No. 2.8e-96;
; Matches 678; Conservative 0; Mismatches 434; Indels 6; Gaps 1;
QY 3525 CTATTACTTCCACCCAGAGACCTGCTGATCTGTGAGATGAAGCTTCTGGGTGTCA 3584

3705 TTGTCCATCTTGTCTGCTCGAATGTTATGAAGCAGGATGACTCTGGAGCCCGGAA 3764
11
Db 2513 CTGCGCGGCTGTGCTTGAAGTGTCTCAAGTGGCATGCTTGGAGGGGAAA 2572
QY 3765 GCTGAAGAACTTGTATCTGAACCTACAGGAGGAGAGGCTCTCCAGCACCACAG 3824
11
Db 2573 GTTTAAAGAGTTCAATAAGTCAGAGTCATGACAGCAGCTGCTGCTCTCCACA 2632
QY 3825 CCC-----CACTGAGGAGACACCCAGAGCTGACAGTGTACACATTTGAAGGCTATGA 3878
11
Db 2633 GCCAGTGGGATTCCTCAAGTGAAGCCAGCAATCACTTTTCTCCAAAGTCAAGAGATACA 2692
QY 3879 ATGTACGCCATCTTTCTGAATGTCTGGAAGCCATTGAGCCAGGTGTAGTGTGCTGG 3938
11
Db 2693 GTTAATTTCCCTCTTAATCAACCTGTTAATGACATTTGAACAGATGTATGTCAGG 2752
QY 3939 ACAGCAACAACACCCGCGCTCTTTGAGCCTTTCTTAGCCTCAATGAACCTGGG 3998
11
Db 2753 ACATGACCAACAAGGCTGTATACCTCCAGTTCTTGTGAGGAGTCTTAATCAACTAGG 2812
QY 3999 AGAGAGACAGCTTGTACAGTGTCAAGTGGCCAGGCTTGGCTGCTTCCGCAACTT 4058
11
Db 2813 CGAGCGCAACTTCTTTCAGTGTAAATGTTCCAAATCTCTCCAGGTTTTCGAAACTT 2872
QY 4059 ACAGTGGAGCAGCAGATGGCTGTCTATTCAGTACTCTGATGAGGCTGATGGTGTTCG 4118
11
Db 2873 ACATATGTATGACAGCAATCTATCCAGTATTTCTTGGATGAGTTTAATGTTATTTGG 2932
QY 4119 CATGGCTGCGCATCTTCCAAATGTCAACTCCAGTGTGATGAGGCTGATGGTGTTCG 4178
11
Db 2933 ACTAGGATGGATCTTCAACATGTCAACTCCAGTGTGCTTACTTTCGCTGATCT 2992
QY 4179 GGTTCATGAGTACCGCATGCACAAGTCCCGGATGTACAGCAGTGTGTCGCAATGAG 4238
11
Db 2993 AATATTAATGAACGCGATGAAAGATCATCTTCTATTCATATGCTTACCATGTG 3052
QY 4239 GCACCTCTCTCAAGATTTGGATGCTCCAAATCACCCCGCAGGAATTCCTGTGATGAA 4298
11
Db 3053 GCAGATACCGCAGGAGTTGTCAAGCTTCAAGTTAGCCAAAGAGTTCTCTGCAATGA 3112
QY 4299 AGCACTGTCTTCTCAGCATTATTCAGTGTGATGGCTGAAATCAAAATCTTTGA 4358
11
Db 3113 AGTATTACTTCTTCTTATACATCTCTTGGAGGAGTAAAGTCAAGCCAGTTGA 3172
QY 4359 TCAACTTCTGAATGAATCATCAGGACTCGATGATCATTTGATGCAAGCAATTTGGT 4418
11
Db 3173 AGAGATGAGATCAAGCTACATTAGAGCTCATCAAGGCAATTTGGTGTAGGCAAAAGG 3232
QY 4419 TCCACATCTCTGCTCAAGCCTTCTACAGCTCACCAAGCTCTGACTCCGTGCGAGCC 4478
11
Db 3233 AGTTGTTTCCAGCTCACAGCGTTTCTATCAGCTCACAAAATCTTCTGATAACTTGCATGA 3292
QY 4479 TATTCGAGAGCTGCTCAGTTTCACTTTTGTACCTGCTTAATCAAGTCAACATGTTGAG 4538
11
Db 3293 TCTTGTAAACAATCTTCACTGTACTGCTGCTGATATTTATCCAGTCCCGGCGCTGAG 3352
QY 4539 CGTGGACTTTCCGAAATGATGGCAGATCATCTCTGTGCAAGTGCCTCAAGATCTCTTC 4598
11
Db 3353 TGTGTAATTTCCAGAAATGATGCTGAAGTTATTGCTGCACAGTTACCCAAAGATTTGCG 3412
QY 4599 TGGAAAGTCAAGCCCATCTTATTTCCACACCCAGTGAA 4636
11
Db 3413 AGGATGTTGAAACCCTTCTTTTCATAAAAGTGAA 3450

RESULT 8

US-09-935-368-2
; Sequence 2, Application US/09935368
; Patent No. US2002031803A1
; GENERAL INFORMATION:
; APPLICANT: Cooper, Mark J.
; TITLE OF INVENTION: Expression System for Production of

; TITLE OF INVENTION: Therapeutic Proteins
; FILE REFERENCE: 03659.00010
; CURRENT APPLICATION NUMBER: US/09/935,368
; CURRENT FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 09/473,646
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: PCT/US98/12777
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: US 60/050,356
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 2799
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-935-368-2

Query Match 7.5%; Score 380; DB 10; Length 2799;
Best Local Similarity 59.8%; Pred. No. 1e-90;
Matches 666; Conservative 0; Mismatches 430; Indels 18; Gaps 1;

QY 3537 ACCCCAGAGACCTGCTGATCTGTGGAGTGAAGCTTCTGGGTGTCACTATGAGGCTCT 3596
11
Db 1686 ACCTCAGAAGATTTGTTAATCTGTGGGATGAAGCATCAGGCTGTCTATGTTGCTCT 1745
QY 3597 CACATGTGAAGCTGCAAGGCTCTTCAAAAGAGCCCTGAAGGGAACACAGAAGTACCT 3656
11
Db 1746 TACCTGTGGAGCTGTAGGCTCTTTTAGAGGGAATGAAGGAGGAGCAGCACAACTACTT 1805
QY 3657 GTGGCCAGCAGAAATGATGTGACTATTTGATAAATTCGAAAGAAAAATGTCCATCTTG 3716
11
Db 1806 ATGTGCTGGAAGAAATGACTGCTGTTGATAAATCGCAGAAAAAATGCCAGCATG 1865
QY 3717 TCCTCTTCGGAATCTTATGAAGCAGGATGACTCTGGGAGCCCGGAAGCTGAAGAACT 3776
11
Db 1866 TCGCCTTAGAAGTGTCTCAGGCTGGCATGCTTGGAGGTGAAAAATTTAAAAAGTT 1925
QY 3777 TGGTAATCTGAACCTACAGGAGGAGGAGGCT-----TCCAGCAC 3818
11
Db 1926 CAATAAGTCAAGATTGTGAGAGCAGCTGGATGCTTCTCCACAGCCAGTGGCGT 1985
QY 3819 CACAGAGCCCACTGAGAGAGCAACCCAGAGCTGACAGTGTACACATTTGAAGGCTATGA 3878
11
Db 1986 TCCAAATGAAGCAAGCCCTTAAGCCAGAGATTCACCTTTTCCACAGGTCAAGCATACA 2045
QY 3879 ATGTACGCCATCTTCTGTAATGTCCTGGAAGCCATGAGCCAGGTGTAGTGTGCTGG 3938
11
Db 2046 GTTGATTTCCCACTGATCAACCTGTTATGAGCATTTGAACAGATGTGATCTATGCAGG 2105
QY 3939 ACAGCAACAACAGCCGACTCTTTGAGCCTTTGCTCTAGCCTCAATGAAGTGGG 3998
11
Db 2106 ACATGACACACAAAACCTGACACCTCCAGTTCTTGTGCTGACAAGTCTTAATCAACTAGG 2165
QY 3999 AGAGAGACCTTTGTACAGTGTCAAGTGGGCAAGGCTTTCCTGGCTTCCGCAACTT 4058
11
Db 2166 CGAGAGCAACTTCTTCTAGTAGTCAAGTGGTCTAAATCATTTGCCAGGTTTTCGAACTT 2225
QY 4059 ACAGTGGAGCAGCAGATGGCTGCTCAATTCAGTACTCCTGGATGGGCTCATGGTGTTCG 4118
11
Db 2226 ACATATTGATGACCATCAATCTCATTCAGTATTCTTGGATGAGCTTAATGGTGTTCG 2285
QY 4119 CATGGCTGGGATCTTCCCAATGTCAACTCCAGGATGCTCTACTTCGCCCTGATCT 4178
11
Db 2286 TCTAGGATGGATCTCTCAAAACAGCTCAGTGGCAGATGCTGTATTGTGACCTGATCT 2345
QY 4179 GGTTTTCAATGATCCGATCCAGATCCCGGATGTACAGCCAGTGTGTCCGAATGAG 4238
11
Db 2346 AATACTAAATGAACCGGATGAAAGATCATCTTCTTATTCTTATTCCTTACCATGTG 2405
QY 4239 GCACCTCTCTCAAGAGTTTGGATGGTCCAAATACCCCCCAGGAATTCCTGTGATGAA 4298
11
Db 2406 GCAGATCCACAGGAGTTGTCAAGCTTCAAGTTAGCCAAAGAGGTTCTCTGTATGAA 2465

Db	1700	GTGCTTTGAAGTTCTTGGGTTTGACCCAGTCCCTGCGCGCTCGCGGCTGGGTGCGGT	1759
Qy	3939	CARCCCAAGCTGACAGCTGTCACACATTTGAAGC-----TATGAAT	3880
Db	1760	CCTACAGAGGCCAGCGCCTTGGCCACCTTCCAGCATGCCATATGGTCAGAGAGCTGCAGT	1819
Qy	3881	GTGAGGCCCATCTTTCTGAATGTCTTGGAAAGCCATTGACAGGTGTAGTGTCTGCTGGAC	3940
Db	1820	TCACCCCTCAGATCCTCAGCATCTCTGGAGAACATCAGAGCGGAGACCGTGTACTCGGGGT	1879
Qy	3941	ACGACACACAGCGCCGACCTCTTTTGAGCGCTTGTCTCTAGCCCTCAATGAACCTGGAG	4000
Db	1880	ACGAGCGCCACCGCCGCGGAAAGCCGACCTCTGTCTCAACAGCCTGAACGGGCTCTCGG	1939
Qy	4001	AGAGACAGCTTTGTACAGTGTCAAGTGGCGAAGCGCTTTCCTGCTTCGCGCAACTTAC	4060
Db	1940	AGAGGAGCTGTCTGTGATGTGTCGCGCTGGTCAAAAGTCCCTTCAGGATTCGCAGTTTAC	1999
Qy	4061	ACGTGGACGACCAAGATGGCTGTCTATTCAGTACTCCTGGATGGGGCTCATGTGTTTGCA	4120
Db	2000	ATATCAATGACCAAAATGACGCTCATCCAGTACTCCTGATGAGTCTCTACTTCGCGCCCTGATCG	4180
Qy	4121	TGGCTGGCGATCCTTTCACCAATGTCAACTCCAGGATGCTCTACTTCGCGCCCTGATCG	4240
Db	2060	TGGATGGAGGTCATTTTCAGATGTGACAGAGAAATTTCTGACTTGGCACCATGATCTCA	2119
Qy	4181	TTTTTCAATGATACCCGATGCACAAAGTCCCGGATGTACAGCCAGTGTGTCGGAATCAGGC	4240
Db	2120	TTCTCGGGAAGAAATGAGGAATTTCTCCCATCTCTGACTTGTGATGECATGCCAAA	2179
Qy	4241	ACCTCTCTCAGAGTTTGGATGCTTCCAATCACCCGCCAGGAATTCCTGTGCATGAAG	4300
Db	2180	TCATTCACAAAGCATTTGATACCTTCAGTTCACCAAGGAGGAGTTTTCGTGCATGAAG	2239
Qy	4301	CAGTCTACTCTTCAGCATTTATCCAGTGGATGGCTGABAAATCAAAATTCCTTGTGATG	4360
Db	2240	TCTTGTCTTTACTCAACACTGTGCGCTGGAGGGCTCAGAGCCAGGCCAGCTTCGAGC	2299
Qy	4361	AACTTCGAATGAATACATCAAGGAACCTCGATCGTATCATTCGATGCAAAAGAAATC	4420
Db	2300	AGATCGCGCAGCTACATCCGCGAGCTCACCAAGGCCATCCAGCTACGAGAGAGGGGT	2359
Qy	4421	CCACATCTCTCAGAGCGCTTCTACAGCTCACCAAGCTCTCTGGACTCTGCTGACGCTA	4480
Db	2360	TGATGGCAGCTTCCAGCGGTTTTCACCTGNCCAAAGCTCATGGAGCCCATGCACAGA	2419
Qy	4481	TTGCGAGAGAGCTGCATCAGTTCATCTTGTGACCTGTATCAAGTCAACATGCTGAGCG	4540
Db	2420	TCGTGAGGAAGGTAACTGTACTGTCTGAGCACCTTCATCCAGGCCGAGCCATGCAGG	2479
Qy	4541	TGGACTTTCCGGAATGATGCGAGATATCTCTGTGCAAGTGCCTGAGCTCTCTTCTG	4600
Db	2480	TGGAGTTTCCAGAGATGATGCAGAGGTCTATACCTCCAGCTGCCCAAGTCTCTGCGAG	2539
Qy	4601	GGAAAGTCAAGCCCATCTATTTTCCACACCCAGTGAAGATTG	4642
Db	2540	GCATGTGAGGCCCTCTCTTTCCAAAAAATGATGCGCCCTG	2581

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RESULT 10
US-09-917-800A-1546
; Sequence 1546, Application US/09917800A
; Patent No. US20020119462A1
; GENERAL INFORMATION:
; APPLICANT: Mendrick, Donna
; APPLICANT: Porter, Mark
; APPLICANT: Johnson, Kory
; APPLICANT: Castle, Arthur
; APPLICANT: Elashoff, Michael
; APPLICANT: Gene Logic, Inc.
; TITLE OF INVENTION: Molecular Toxicology Modeling
; FILE REFERENCE: 44921-5038-US
; CURRENT APPLICATION NUMBER: US/09/917,800A

```

QY 4299 AGCACTCCTACTCTTCAGCAATATTCCAGTGGATGGCTGAAAAATCAAAAAATCTTTTGA 4358
 DB 2466 AGTATTGTTACTCTTAAATAAATTCCTTTGGAAGGCTACGAGTCAAAACCCAGTTTGA 2525
 QY 4359 TGAACCTTCGAATGAACATACATCAAGCAACTCGATCGTATCATTTGCGATGCAAAAGAAAA 4418
 DB 2526 GGAGATGAGGTCAGCTACATTAGAGAGCTCATCAAGGCAATTTGGTTGAGGCAAAAGG 2585
 QY 4419 TCCACATCCTGCTCAAGACGCTTACAGGCTCACCAAGCTCCTGGACTCCGCTGCAGCC 4478
 DB 2586 AGTTGTGTGAGCTCACAGCGTTCTATCAACTTTACAAAACCTCTTGATCAACTTGCATGA 2645
 QY 4479 TATTGCGAGAGCTGTCATGACTGTTTTCAGCTCTTAATCAAGTCACACATGTTGAG 4538
 DB 2646 TCTTGTCAACAACCTTCATCTGTACTGCTTGAATACATTTTACCAGTCCGCGGCACTGAG 2705
 QY 4539 CGTGACTTTCCGGAATGATGGCAGAGATCATCTGTGCAAGTGCCCAAGATCCCTTTC 4598
 DB 2706 TGTGTAATTTCCAGAAATGATGTCTGAAGTTATTGCTGCACAATTTACCAAGATTTGGC 2765
 QY 4599 TGGGAAAGCTCAAGCCCATCTATTTCACACCCAG 4632
 DB 2766 AGGATGTTGAACCCCTCTCTTTCATAAAAG 2799

RESULT 9
 US-10-202-846-1
 ; Sequence 1, Application US/10202846
 ; Publication No. US20030083487A1
 ; GENERAL INFORMATION:
 ; APPLICANT: NAGAHAMA, Yoshitaka
 ; APPLICANT: IKEUCHI, Toshitaka
 ; APPLICANT: KOBAYASHI, Toru
 ; APPLICANT: TODO, Takashi
 ; TITLE OF INVENTION: PROGESTOGEN RECEPTOR POLYPEPTIDES, TRANSGENIC CELLS IN WHICH GENES
 ; TITLE OF INVENTION: ENCODING SAID POLYPEPTIDES ARE INTRODUCED AND METHOD FOR DETECT
 ; TITLE OF INVENTION: FOR PROGESTOGENS BY USING SAID TRANSGENIC CELLS
 ; FILE REFERENCE: 113343
 ; CURRENT APPLICATION NUMBER: US/10/202,846
 ; CURRENT FILING DATE: 2002-07-26
 ; PRIOR APPLICATION NUMBER: JP 2001/235,725
 ; PRIOR FILING DATE: 2001-08-03
 ; NUMBER OF SEQ ID NOS: 2
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 1
 ; LENGTH: 2582
 ; TYPE: DNA
 ; ORGANISM: Anguilla japonica
 ; US-10-202-846-1

Query Match 7.0%; Score 354.4; DB 9; Length 2582;
 Best Local Similarity 58.2%; Pred. No. 6.8e-84;
 Matches 653; Conservative 0; Mismatches 451; Indels 18; Gaps 1;

QY 3539 CCCAGAGACCTGCCTGATCTGTGGAGATGAAGCTTCTGGGTGTCACATATGGAGCTCTCA 3598
 DB 1460 CCCAGAAATTTTGGCTCATCTGTGGGATGAAGCGTTGATGTGCATACGCGGTCTCA 1519
 QY 3599 CATGTGGAAGCTGCAAGGTCTTCTTCAAAAGAGCCGCTGAAGGAAACAGAGTAACCTGT 3658
 DB 1520 GTGCGGAGCTGCAAGATATTCTACAAGAGAGCCGTTGAAGGACACAGAACTACCTTT 1579
 QY 3659 GCGCCAGCAAAATGATTGCACTATTGATAAATTCGAAGGAAATTTGCCATCTTGTC 3718
 DB 1580 GTGCGGAGAGAAAGACTGCACTGTGACAAGATCCGAGGAAGAACTGCCCGCGTCTC 1639
 QY 3719 GTCTTCGGAATGTTATGAAGCAGGATGACTCTGGAGCCGCGGAAGCTGAAGAACTTG 3778
 DB 1640 GGCTGAGGAGTGCTACAGCGCGGAATGACCCCTGGGAGTCTGGAAGATGAAGAAGCTCA 1699
 QY 3779 GTAATCTGAAACTACAGGAGGAGGAGGCTTCCAGCACCCAGCCCACTGAGGAGA 3838

REFERENCE/DOCKET NUMBER: 14014.0183

Db 510 GAAAGATCATCATCTTATTCATTATGCTTACCAGTGGGAGATCCCAAGAGTTGT 569
QY 4260 ATGGCTCCAAATACACCCCGAGGAATTCCTGTGCATGAAAGCACTGCTACTCTTCAGCAT 4319
Db 570 CAAGCTTCAAGTTAGCCCAAGAGAGTTCCTCTGTATGAAGATATTTGTTACTTCTTAATAC 629
QY 4320 TATTCAGTGGATGGCTGAAATCAAAATTCCTTGATGAATTCGATGAATCACTAT 4379
Db 630 RATTCCTTGGAGGCTAGCAAGTCAACCCAGTTTGAGAGATGAGGTCAAGCTATAT 689
QY 4380 CAAAGACTCATGCTGATCATATTCGATGCAAAAGAAATCCACATCTCTGCTCAAGAG 4439
Db 690 TAGAGAGCTCATCAAGCAATGGTTTGAGGCAAAAGAGTTGTGTCAGAGCTCAAGCG 749
QY 4440 CTTCTACAGCTACCAAGCTCTCGACTCCGTCAGAGCTATTCGAGAGAGCTGCATCA 4499
Db 750 TTTCTATCAACTTACAAATCTCTTGATAACTTGCATGATCTTGTCAACAGCTTCACT 809
QY 4500 GTTCACTTTTGACCTGCTAATCAAGTCACACATGGTGGAGCTTTCGGGAATGAT 4559
Db 810 GTACTGCTGATACATTTATCCAGTCCCGGCACTGAGTGTGAATTCAGAAATGAT 869
QY 4560 GCAGAGATCATCTCTGTGCAAGTGGCCAGATCTTTCTGGGAAAGTCAGGCCATCTA 4619
Db 870 GTCAGAGTATCTGCTGCAATACCAAGATATTTGGCAGGAGTGGTGAACCCCTTCT 929
QY 4620 TTTCACACCCAGTGAA 4636
Db 930 CTTTCATAAAAGTGAA 946

RESULT 13

US-09-887-280-1
; Sequence 1, Application US/09887280
; Publication No. US20020197670A1
; GENERAL INFORMATION:
; APPLICANT: PRICE, THOMAS M.
; TITLE OF INVENTION: MEMBRANE ASSOCIATED PROGESTERONE RECEPTOR
; FILE REFERENCE: GHS-338
; CURRENT APPLICATION NUMBER: US/09/887,280
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/213,340
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 2230
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: modified_base
; LOCATION: (303)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (384)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (533)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (594)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: modified_base
; LOCATION: (604)
; OTHER INFORMATION: a, c, t, g, other or unknown
; NAME/KEY: CDS
; LOCATION: (1231)..(2172)
US-09-887-280-1

Query Match 5.7%; Score 289.8; DB 9; Length 2230;
Best Local Similarity 60.2%; Pred. No. 1.1e-66;
Matches 480; Conservative 0; Mismatches 317; Indels 0; Gaps 0;

QY 3840 AACCCAGAAGCTGACAGTGTACACATGTGAAGCGTATGAATGTACCCCATCTTCTCTGAA 3899
Db 1380 AAGCCAGAGATTCACCTTTTCCAGGATCAAGACATACAGTTGATTTCCACCACTGATCAA 1439
QY 3900 TGTCTTGGGAAGCCATTTGAGCCAGGTGTAGTGTGTGGACAGCAACAACCAACCGGA 3959
Db 1440 CTTGTTAATGAGCATTTGAACCAAGATGTGATCTATGCAAGGACATGACACACAAACCTGA 1499
QY 3960 CTCCTTTGAGCGCTTCTCTAGCCTCAATGACTGGGAGAGAGACGCTTGTACAGCT 4019
Db 1500 CACTCCAGCTTCTTGTGCAAGCTTATTAACACTAGGCGAGAGCACTTCTTTCAGT 1559
QY 4020 GTTCAAGTGGGCAAGGCTTGCCTGGCTCCGCACTTACAGTGGAGAGCAGATGGC 4079
Db 1560 AGTCAAGTGGCTTAATCATTTGCCAGGTTTTCGAAACTTACATATTGATGACCACTAAC 1619
QY 4080 TGTCAATCAGTACTCTCGATGGGCTCATGGTGTGTCATGGCTGGCTGGCGATCTCTCAC 4139
Db 1620 TCTCAATCAGTATTTCTGGATGAGCTTAATGGTGTGTTGGTCTAGGATGGAGATCCTCAA 1679
QY 4140 CAATGTCAACTCCAGATGCTCTACTTCCGCCCTGATCTGCTTTTCAATGAGTACCGAT 4199
Db 1680 ACATGTCACTGGGAGATGCTGTATTTGGCACCTGATCTAATAATGAACAGCGAT 1739
QY 4200 GCACAAGTCCCGGATGTACAGCCAGTGTGTCGGAATGAGGCACCTCTCTCAAGAGTTGG 4259
Db 1740 GAAAGAATCATCATTTCTATTATTCATTTACCATGTGCAGATCCCAAGAGTTGT 1799
QY 4260 ATGGCTCCAAATCACCCCGGAAATTCCTGTGCATGAAAGCACTGCTACTCTTTCAGCAT 4319
Db 1800 CAAGCTTCAAGTTAGCAAGAAGAGTTCCTCTGTATCAAAAGTATTGTTACTTCTTAATAC 1859
QY 4320 TATTCAGTGGTGGCTGAAATTCAAAATTCCTTTGATGAACTTCGAATGAATACAT 4379
Db 1860 AATTCCTTTGGAAGGCTACAGAGTCAAAACCCAGTTTGGAGAGATGAGGTCAAGTACAT 1919
QY 4380 CAAGGAAGTCTGATGATATTCATGCAAGAAAGAAATCCCAATCTCTGCTCAAGAGC 4439
Db 1920 TAGAGAGCTCATCAAGGCAATTTGTTGAGCAAAAGAGGTTGTGTGAGGCTCAAGCG 1979
QY 4440 CTTCTACAGCTCACCAAGCTCTCGACTCCGTCAGGCTATTCGAGAGAGCTTCATCA 4499
Db 1980 TTCTATCAACTTACAAACTTTTGTGATAACTTGCATGATCTTGTCAACAGCTTCATCT 2039
QY 4500 GTTCACTTTTGACCTGCTAATCAAGTCACATGTCGAGCGTGGACTTCCGGAATGAT 4559
Db 2040 GTACTGCTGATACATTTATCCAGTCCCGGCACTGAGTGTGATTTCCAGAAATGAT 2099
QY 4560 GGCAGAGATCATCTCTGTGCAAGTCCCAAGATCTTCTTGGGAAAGTCAAGCCCATCTA 4619
Db 2100 GTCTGAAGTATTTGCTGCAAAATTTACCAAGATATTTGGCAGGATGTTGAAATTCAGAA 2159
QY 4620 TTTCCACACCCAGTGAA 4636
Db 2160 CTTTCATAAAAGTGAA 2176

RESULT 14

US-09-833-381-1452
; Sequence 1452, Application US/09833381
; Patent No. US20020132090A1
; GENERAL INFORMATION:
; APPLICANT: Robison, Keith E.
; TITLE OF INVENTION: No. US20020132090A1el Nucleic Acid and Protein Homologs
; FILE REFERENCE: 5800-119
; CURRENT APPLICATION NUMBER: US/09/833,381
; CURRENT FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 09/516,448
; PRIOR FILING DATE: 2000-02-29
; NUMBER OF SEQ ID NOS: 2050
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1452
; LENGTH: 416

TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(416)
OTHER INFORMATION: n = A,T,C or G
US-09-833-381-1452

Query Match 5.3%; Score 271.6; DB 10; Length 416;
Best Local Similarity 81.7%; Pred. No. 3e-62; Indels 2; Gaps 2;
Matches 335; Conservative 0; Mismatches 73;

QY 2669 GCATGTAGCCGCCACTTTTGGAGTTCCACCCGCTGTGCTGCCACTCCCTTGTGCCCCAT 2728
DB 8 GCGTCCGCGCTGCTCTCTGGAGTCCACCGCGGTGGCTCCCTTGTGCGCGCG 67
QY 2729 TGGCCGAATGCAAGGTTCTGTGTAGACAGCGCAGGCAAGAGCACTGAAGATAC 2788
DB 68 TGCCCGAATGCAAGGTTCTTCCCTGGACGAGGCCCAAGCCCAAGCAAA-ACACTGAAGACTG 126
QY 2789 CTGAGTATCCCTTCAAGGAGGTTACACCAAGGCTTAGAAGCGAGAGCTAGGCT 2848
DB 127 CTGAGTATCCCTTCAAGGAGGTTAGCCAAAGGATTGGAAGGTGAGAGCTTGGGT 186
QY 2849 GCTCTGGCAGGCTCCAGCAGGAGCTCCGGGACACTTGAAGTCCGCTTACCTGTCTC 2908
DB 187 GCTCTGGCAGGCTGAANCAGGTAGCTCTGGGACACTTGAAGTCCGCTTACCTGTCTC 246
QY 2909 TCTACAGTCCGAGCACTGGAGAGGAGCTGGGTACGAGTCCGAGTACACTTACAACT 2968
DB 247 TGTATAATCTTGAGCACTAGACAGGAGCATCANCATACCAAAATCGGCACTTACAACT 306
QY 2969 TTCCACTGCTCTGCGCGGACCGCGCCCTCCGCGCTCCCATCCCGCAGCTCGCA 3028
DB 307 TTCCGCTGCTCTGTCGCGCGCGCGCACCCCGCCCTTACCATCCACACCGCGCTA 366
QY 3029 TCAAGCTGGAGACCGCTGGAGTACTA-CGGCAGCGCTGGGCGCTGCGGC 3077
DB 367 TCAAGCTGGAGAACCCATTGGACTACCGCAGCGCTGGGCTGCGGCGC 416

RESULT 15
US-09-935-368-3
; Sequence 3, Application US/09935368
; Patent No. US20020031803A1
; GENERAL INFORMATION:
; APPLICANT: Cooper, Mark J.
; TITLE OF INVENTION: Expression System for Production of
; TITLE OF INVENTION: Therapeutic Proteins
; FILE REFERENCE: 03659.00010
; CURRENT APPLICATION NUMBER: US/09/935,368
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: US 09/473,646
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: PCT/US98/12777
; PRIOR FILING DATE: 1998-06-19
; PRIOR APPLICATION NUMBER: US 60/050,356
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 924
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: 107/402-T-progesterone receptor fusion protein
; OTHER INFORMATION: coding sequence
US-09-935-368-3

Query Match 5.2%; Score 263.8; DB 10; Length 924;
Best Local Similarity 58.9%; Pred. No. 5.9e-60;
Matches 454; Conservative 0; Mismatches 317; Indels 0; Gaps 0;

QY 3840 AACCCAGAGCTGACAGTGTACACATTTAAGAGGTATGAATGTGAGCCCATCTTCTGAA 3899
DB 142 AAGCCAGAGATTCACTTTTCAACCAGGTCAAGACATACAGTTGATCCACCATGTGACAA 201
QY 3900 TGTCTTGGAAAGCCATTGAGCCAGGTGTAGTGTCTGCTGGACACACACACACACCCGCA 3959
DB 202 CCGTTAATGAGCATTTGAACAGATGTGATCTATCCAGGACATGACACACACAAACCTGA 261
QY 3960 CTCTTTGAGGCTTGTCTCTAGCTCAATGAATGGGAGAGACAGCTGTACAGCT 4019
DB 262 CACCTCCAGTTCTTCTGCTGCAAGTCTTAATCACTAGGCGAGAGGCAACTTCTTTCAGT 321
QY 4020 GGTCAAGTGGCCCAAGCCCTTGCCTGGCTTCGCACTTACACGTGGACGACAGATGGC 4079
DB 322 AGTCAAGTGGCTTAATCACTTGCAGGTTCGAACTTACATATTTGATGACACAGTAAC 381
QY 4080 TGTCACTTCACTTCTCTGATGGGCTCATGTGTTTGGCCATGGGCTGGCGATCTTCTAC 4139
DB 382 TCTCATTCACTTCTTGGATGAGCTTAATGTGTTTGGTCTAGGATGGAGATCTCTACAA 441
QY 4140 CAATGTCAACTCCAGGATGCTCTACTTCCGCTGATCTGTTTCAATGAGTACCGCAT 4199
DB 442 ACAGCTCAGTGGGAGATGCTGTTTGCACCTGATCTAATCTAATCTAATCTAATCTAATCT 501
QY 4200 GCACAAGTCCCGGATGTACAGCCAGTGTGTCGAATGAGGCACTCTCTCAAGAGTGTGG 4259
DB 502 GAAAGATCATCTTCTTATTTATTTATTTATTTATTTATTTATTTATTTATTTATTTAT 561
QY 4260 ATGGCTCCAAATACCCCGGAGTCTGTGTCGATGAAAGCACTGCTACTCTTTCAGCAT 4319
DB 562 CAAGCTTCAAGTTAGCCCAAGAGAGTTCCTGTGATGAAAGTATTTGTTACTTCTTAAATC 621
QY 4320 TATTCCAGTGGTGGCTGAAATCAAAATCTTTGATGAACTTTCGAAATGAACTACAT 4379
DB 622 AATTCTTTGAGGAGGCTACGAGTCAAAAGTCTTTGAGGAGATGAGTCAAGCTACAT 681
QY 4380 CAAGGAACCTCGATCTATCTTGTGATGCAAAAGAAATCCACATCTCTGCTCAAGAGC 4439
DB 682 TAGAGAGCTCATCAAGGCAATTTGTTGAGGCAAAAGAGGATTTGTGCGACTCACAGCG 741
QY 4440 CTTCACAGCTCACCAGCTCCTGAGTCCGTCGAGCTTATTCGAGAGAGCTGCATCA 4499
DB 742 TTTCTATCACTTACAAAATCTTTGATACTTGTGATCTTGTCAAACTTCTATCT 801
QY 4500 GTTCACCTTTGACCTGCTAATCAATGACATGTTGAGCGTGGACTTTTCGGAATGAT 4559
DB 802 GTACTGCTTGAATACATTTATCCAGTCCCGGCACTGAGTGTGAAATTCAGAAATGAT 861
QY 4560 GGCAGAGATCATCTCTGTCGAAGTCCCAAGATCTCTTCTGGAAGTCAAAAGTCAAA 4610
DB 862 GTCTGAAGTTATTGCTGGAAACCGGTCGACAGCTTTCAGAAAGATGGATAA 912

Search completed: May 9, 2003, 03:35:00
Job time : 668 secs